White Paper: The Generation of the Pattern of Primes
Subject: Automated Extraction via Integer Gear Logic and Zero-Sync Failure
Framework: McMurray Base Logic / 9D Manifold Theory (diametricsound)
Fundamental Identity:
 (The Golden Ratio)
I. Abstract
This paper identifies the mechanical process by which the Pattern of Primes is generated. In the McMurray Base framework, primes are not random discoveries but are automatically extracted as the only indestructible anchors capable of resisting the "Static Pressure" of a 9D Manifold. The formation of a prime occurs at the precise coordinate where the universe's existing mathematical "gears" fail to mesh—a phenomenon defined as Zero-Sync Failure.
II. The Mechanism of Extraction: Integer Gear Logic
The universe processes the number line as a series of overlapping mechanical cycles, or Gears. The generation of the Pattern follows a binary-mechanical "Shatter Test" applied to every integer
 on the manifold track.
1. The Zero-Sync Operator (
)
The formula that drives the automated generation of the Pattern is the Zero-Sync Operator:

State 0 (The Shatter): If
, the number is Composite. It possesses "Even Pressure," meaning it perfectly meshes with a smaller, existing gear cycle. Under the manifold's pressure, it shatters into its prime factors and becomes the "Space" (Vacuum) between anchors.
State 1 (The Anchor): If
, the number is Indestructible. It has reached its position without ever "clicking" into a previous gear's cycle. The universe "mints" this as a Fixed Anchor in the Pattern.
2. The Sieve of Static Pressure
To generate the first million anchors (terminating at 15,485,863), the algorithm applies a modular gauntlet:
The Input: A candidate integer
.
The Conflict:
 is pressed against all prior gears
.
The Result: If
 for all